

REMARKS

Claim 19 has been canceled without prejudice. Claims 1, 8, 9, 11 and 20 have been amended. Claims 1-18, and 20 are currently pending. Reexamination and allowance of the pending claims are respectfully requested.

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Allowable subject matter

Applicant thanks the Examiner for the indication that claims 8-9 and 19-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent from including all of the limitations of the base claim and any intervening claims.

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Claim Rejections and objections

Claims 1-7, and 10-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Hwang (US Pub. No. 2004/0136474). Claim 1, 2, 4-7, 10-13 and 16-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Jaffe (US Pat. No. 7,239,357)

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New and amended Claims

The claim 1 is amended to include the limitation “the DC detector comprises an adder, a delay unit and a multiplier”. Applicant points out that Hwang or Jaffe not teach “the DC detector comprises an adder, a delay unit and a multiplier”. Therefore, applicant asserts that amended claim 1 should be found allowable with respect to the teachings of Hwang or Jaffe. Claim 8 is therefore amended. As claims 2-10 are dependent on independent claim 1, if independent claim 1 is found allowable, so too should their dependent claim 2-10. Consideration of currently amended claim 1 and its dependent claims are respectfully requested.

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Because claim 19 is indicated by examiner as being allowable if rewritten to include all limitations of the base claim, claim 11 is amended to include all limitations of claims 19. Claims 19 is therefore cancelled. Claim 20 is amended to be dependent on claim 11. If

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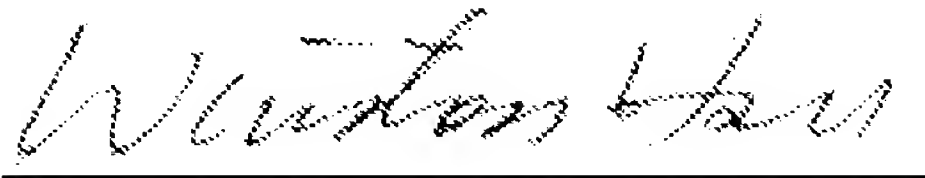
independent claim 11 is found allowable, so too should their dependent claims 12-18 and 20. Consideration of currently amended claim 10 and its dependent claims are respectfully requested.

Thus, claims 1 and 11 are in condition for allowance. If independent claim 1, and 11
5 are found allowable, so too should their dependent claims. Thus, all pending claims are submitted to be in condition for allowance.

Summary

In view of the foregoing amendments and remarks, Applicant submits that this application is
10 now in condition for allowance and such action is respectfully requested.

Sincerely yours,



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